Crestron FT-600
FlipTop™ Basic
Operations & Installation Guide

Regulatory Compliance

This product is Listed to applicable UL Standards and requirements by Underwriters Laboratories Inc.

As of the date of manufacture, the FT-600 has been tested and found to comply with specifications for CE marking.

Federal Communications Commission (FCC) Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Industry Canada (IC) Compliance Statement

CAN ICES-3(B)/NMB-3(B)

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FlipTop Basic: FT-600

Introduction

The FT-600 FlipTop™ Basic by Crestron® provides a highly configurable connectivity solution in a stylish, flush mount tabletop design. Flipping open the "FlipTop" lid accesses its connection compartment where interface cables and connectors are kept at the ready for plugging in laptop computers, mobile devices, AV source, and other equipment. A FlipTop is an ideal complement to a DigitalMedia™ transmitter or any other AV interface device, providing easy access to necessary connections while keeping the more intimidating and mundane technology hidden away beneath the tabletop.

Features and Functions

- Flush mount tabletop connectivity in a stylish FlipTop design
- An ideal complement to Crestron DigitalMedia
- Configurable connection compartment allows versatile combinations of pullout cables, cable retractors, connector plates, and ac power outlets
- Tapered cable notch allows lid to be closed with cables plugged in
- Universal cutout size fits all new and future FlipTops
- Black anodized or brushed aluminum finish

FlipTop Design

Handsomely finished in a choice of black anodized or brushed aluminum, Crestron FlipTops lend a contemporary metallic accent to conference tables and podiums. The FT-600 installs cleanly in virtually any flat, horizontal surface up to 1 3/4" (44 mm) thick. Beveled edges provide for a nearly flush appearance.

The FlipTop lid flips open with just the tip of a finger to access the connection compartment. Once connections are made, the lid can be closed. A generous, tapered notch at the front of the lid opening allows interface cables to remain connected even when the lid is closed.

Connection Compartment

The FT-600 is highly configurable to provide a well-organized connectivity solution tailored to each unique application. It provides options for both pullout cables and panel-mounted connectors, with or without ac power outlets. It comes standard with two cable pass-through plates and four blank plates, all of which can be swapped out for a choice of cable retractors, connector plates, and ac power outlet modules.

- **Cable Pass-Through Plates** – Each cable pass-through plate provides four grommeted holes to accommodate Crestron Certified Interface Cables* and other AV, data, and communication cables. The user end of each cable stows neatly within the connection compartment ready for use while excess cable simply drops out of sight below the cable pass-through plate. The grommets provide a smooth, slippery surface for easy pullout of each cable. Blank caps are also provided to cover any unused holes. The cable pass-through plates are positioned at the left and right sides of the connection compartment. The FT-600 supports one or two cable pass-through plates. Two are included.
- **Cable Retractors** – For an even more refined cable management solution, the FT-600 accommodates up to six Crestron CBLR2 Cable Retractors.* Crestron cable retractors feature a patented mechanism that ensures smooth operation while eliminating hanging cable loops beneath the table. Up to three cable retractors can be installed in place of each cable pass-through plate, allowing for a total of six cable retractors.
- **Connector Plates** – If panel-mounted connectors are preferred, the FT-600 can accommodate up to four FTA-CP Connector Plates.* Connector plates are offered with a variety of common AV and data connector types. Custom connector plates may also be fabricated by the installer using the blank plates provided. All four connector plates are positioned at the center of the connection compartment.
- **AC Power Outlet Modules** – To provide power for laptops and other portable devices, the FT-600 can be equipped with up to four 120 Vac (NEMA) power outlets, or a single international ac outlet, using a choice of FTA-PWR series AC Power Outlet Modules.* Each FTA-PWR module occupies either two or three connector plate spaces.

* Item(s) sold separately.

Specifications

Specifications for the FT-600 are listed in the following table.

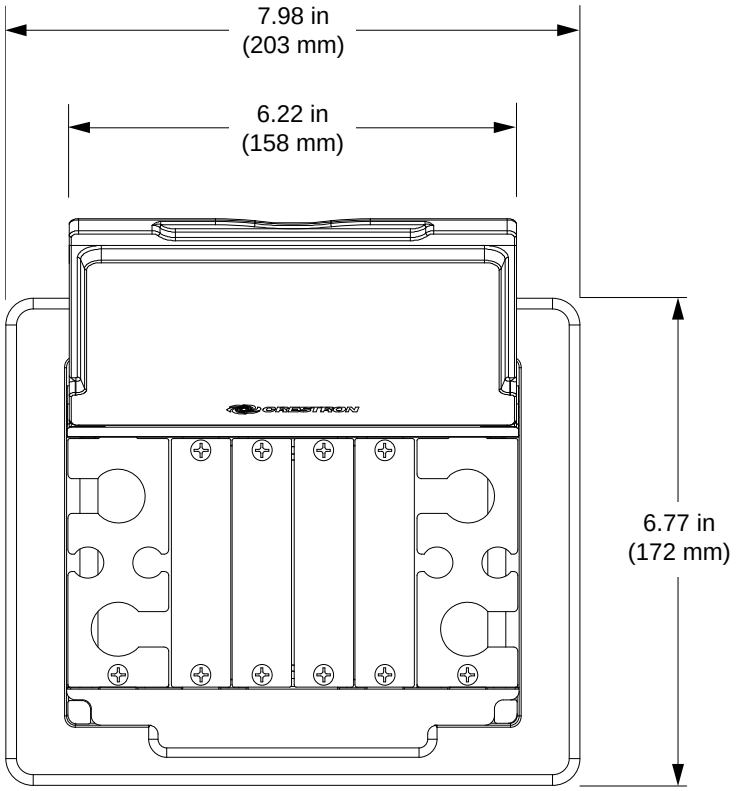
FT-600 Specifications

SPECIFICATION	DETAILS
Power Requirements	
Utility power	10 amps at 125 Vac 50/60 Hz per each installed Dual AC Power Outlet Module (FTA-PWR-102, sold separately)
Environmental	
Temperature	32º to 112ºF (0º to 45ºC)
Humidity	10% to 90% RH (non-condensing)
Enclosure	
Chassis	Metal, black
Cover	Aluminum, black anodized or brushed aluminum finish
Mounting	Flush tabletop mount, 1 3/4 in (44 mm) maximum surface thickness, 6 1/4" (159 mm) deep x 7 1/2 in (190 mm) wide cutout (template provided)
Dimensions	
Height	8.59 in (218 mm) 12.34 in (313 mm) with lid open
Width	7.98 in (203 mm) 9.19 in (234 mm) with mounting brackets
Depth	6.77 in (172 mm) 7.88 in (200 mm) with lid open
Weight	5.6 lb (2.5 kg)
Available Models	
FT-600-B	FlipTop Basic, Black Anodized
FT-600-BALUM	Flip Top Basic, Brushed Aluminum
Available Accessories	
CBL Series	Crestron Certified Interface Cables
CBLR2 Series	Cable Retractors
FTA-CBLRA-INSERT-2WIRE-102	Cable Retractor Spacer Insert for FlipTop 600 Series
FTA-CP-DP-101	FlipTop Connector Plate, DisplayPort
FTA-CP-HD-101	FlipTop Connector Plate, HDMI
FTA-CP-RCA-103	FlipTop Connector Plate, RCA x 3
FTA-CP-RJ45-102	FlipTop 2 Connector Plate, RJ45 x 2
FTA-CP-USB-102	FlipTop Connector Plate, USB x 2

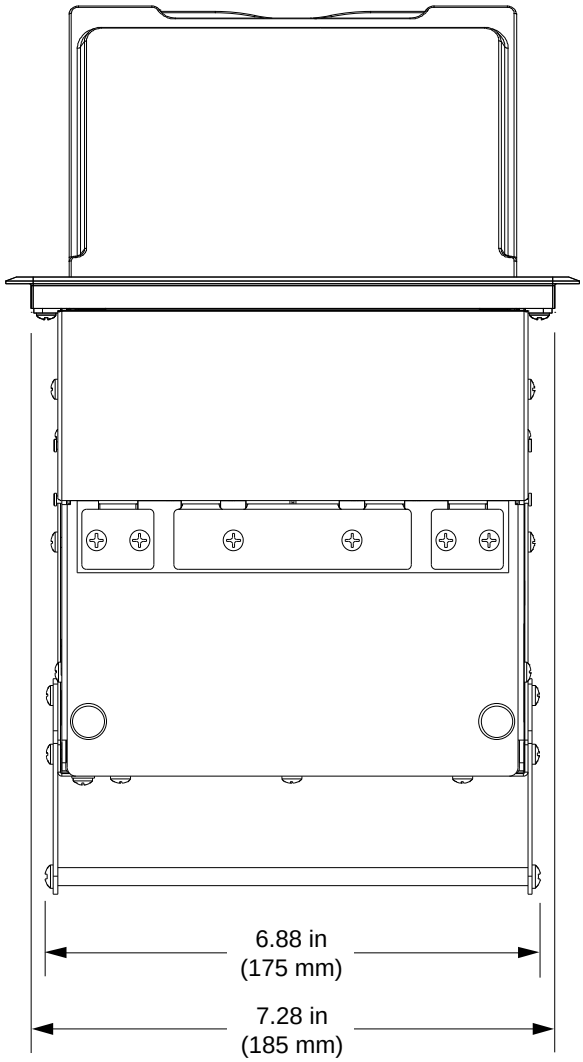
Physical Description

This section provides information on the connections, controls, and indicators available on the FT-600.

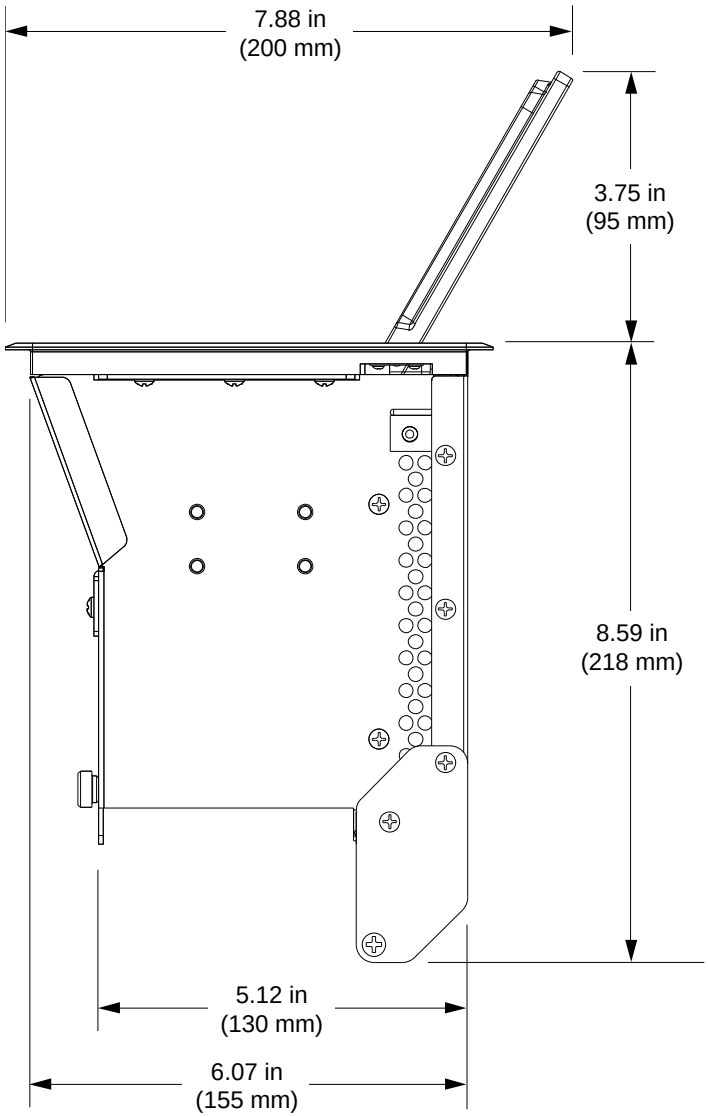
FT-600 Overall Dimensions (Top View)



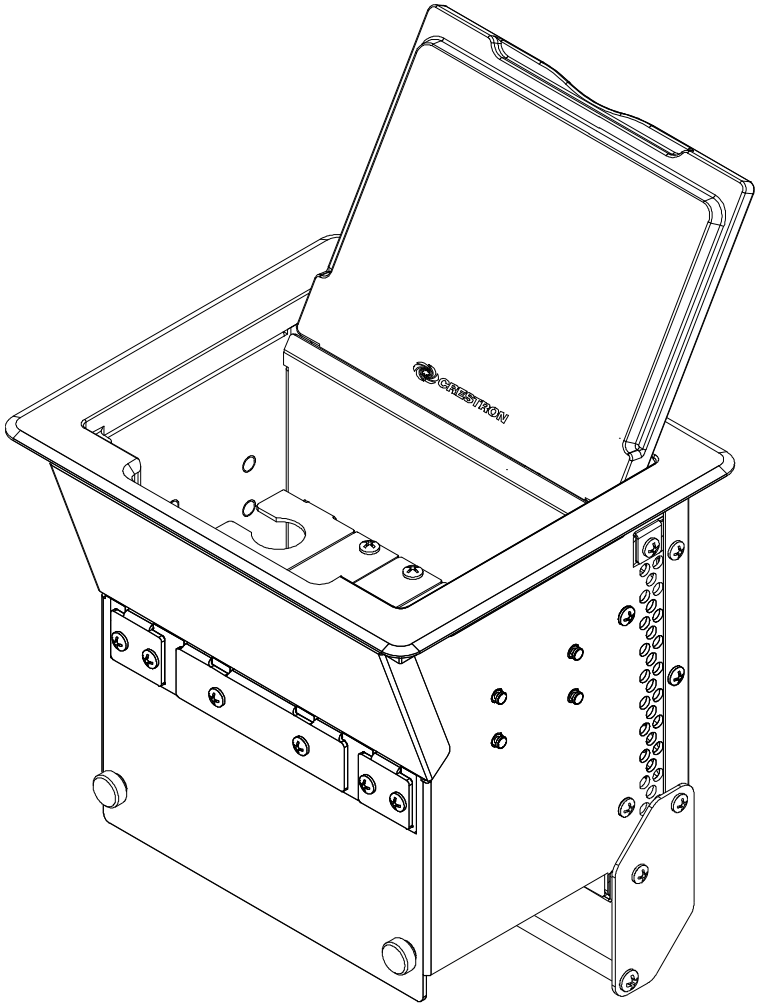
FT-600 Overall Dimensions (Front View)



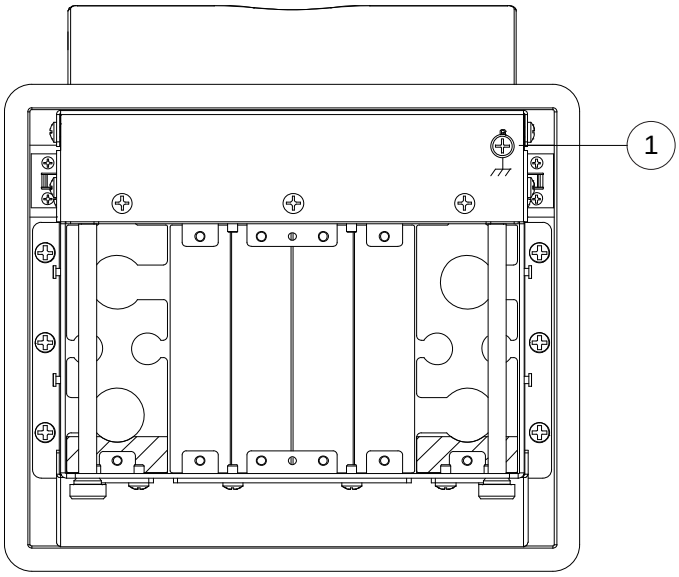
FT-600 Overall Dimensions (Side View)



FT-600 (Oblique View)



FT-TS600 (Bottom View)



Connectors, Controls, and Indicators

#	CONNECTORS[1], CONTROLS, AND INDICATORS	DESCRIPTION
1	G (Ground)	(1) 6-32 screw, chassis ground lug

Setup

Supplied Hardware

The hardware supplied with the FT-600 is listed in the following table.

Supplied Hardware for the FT-600

DESCRIPTION	PART NUMBER	QUANTITY
Metal, Plate, Mounting	2036985	2
Screw, 10-32 x 2", Steel, Socket HD, Zinc	2037109	4
Small Hole Plug	2036647	4
Large Hole Plug	2036649	4
Small Bushing, 5/16" ID, 0.5" OD	2009522	4
Large Bushing, 0.55" ID, 0.80" OD	2010496	4

Installation

NOTE: To prevent overheating, do not operate this product in an area that exceeds the environmental temperature range listed in the table of specifications. Consideration must be given if installed in a closed assembly, inside a closed desk or in a closed podium since the operating ambient temperature of these environments may be greater than the room ambient temperature. Contact with thermal insulating materials should be avoided on all sides of the unit.

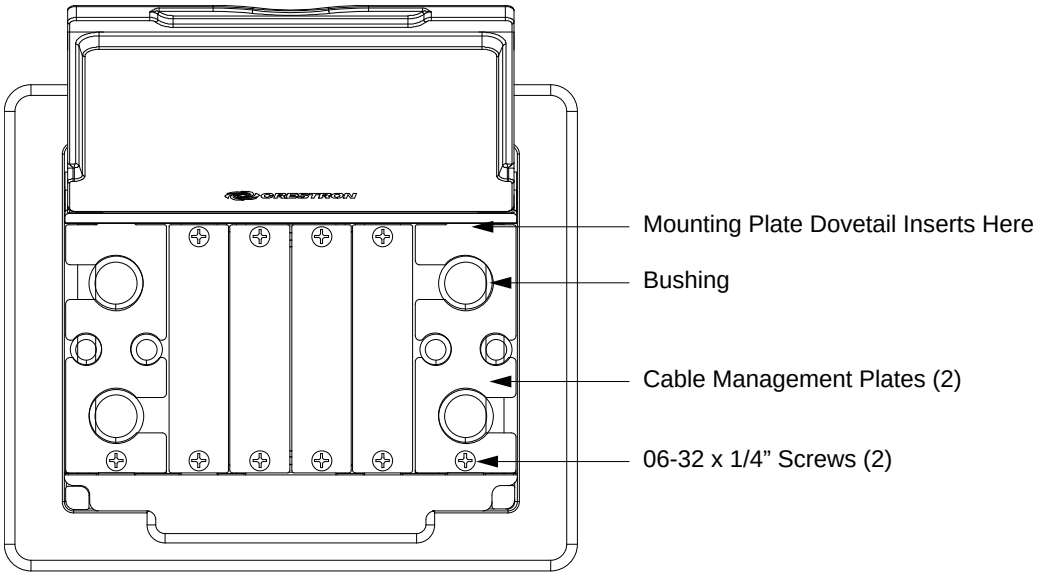
Cable Management Plates

The FT-600 ships with two cable management plates pre-installed. These provide a pullout cable solution for the cables. Cables are looped through the cable management plates.

The included bushings must be installed before mounting the FT-600 in a surface. For a neat appearance, any unused openings can be filled using the included hole plugs. The only tool required is a Phillips screwdriver.

1. Remove the two cable management plates and retain the 06-32 x 1/4" screw that holds each one in place.
2. Place the bushings on the cables (eight bushings supplied).
3. Thread the cables through the appropriate slots on each plate.
4. Snap the bushings into the plate slots.
5. Feed all excess cable through the opening.
6. Attach each plate by first sliding its dovetail into the slot toward the rear of the inside of the FT-600, then dropping the front into place and securing it with the 06-32 x 1/4" screw from step 1. Refer to the following illustration.

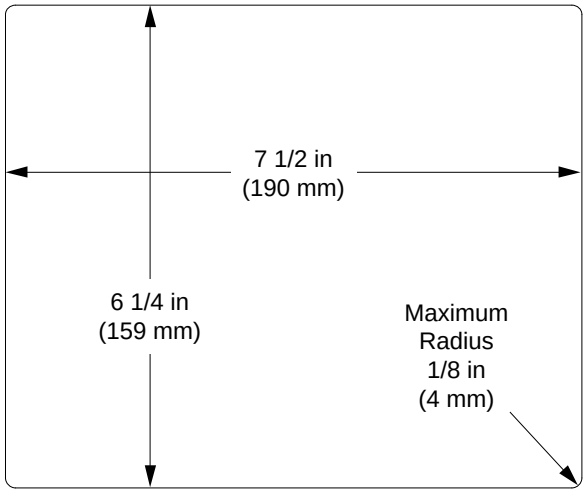
Cable Management Plate Installation



Mounting in a Surface

The FT-600 is designed to mount in a horizontal surface, such as a desktop, lectern, or podium. The following diagram illustrates the required opening size to accommodate the FT-600. A cutout template (40143) is included.

Cutout Dimensions



NOTE: Before inserting the FT-600 in the mounting hole, ensure that all required cables have been installed.

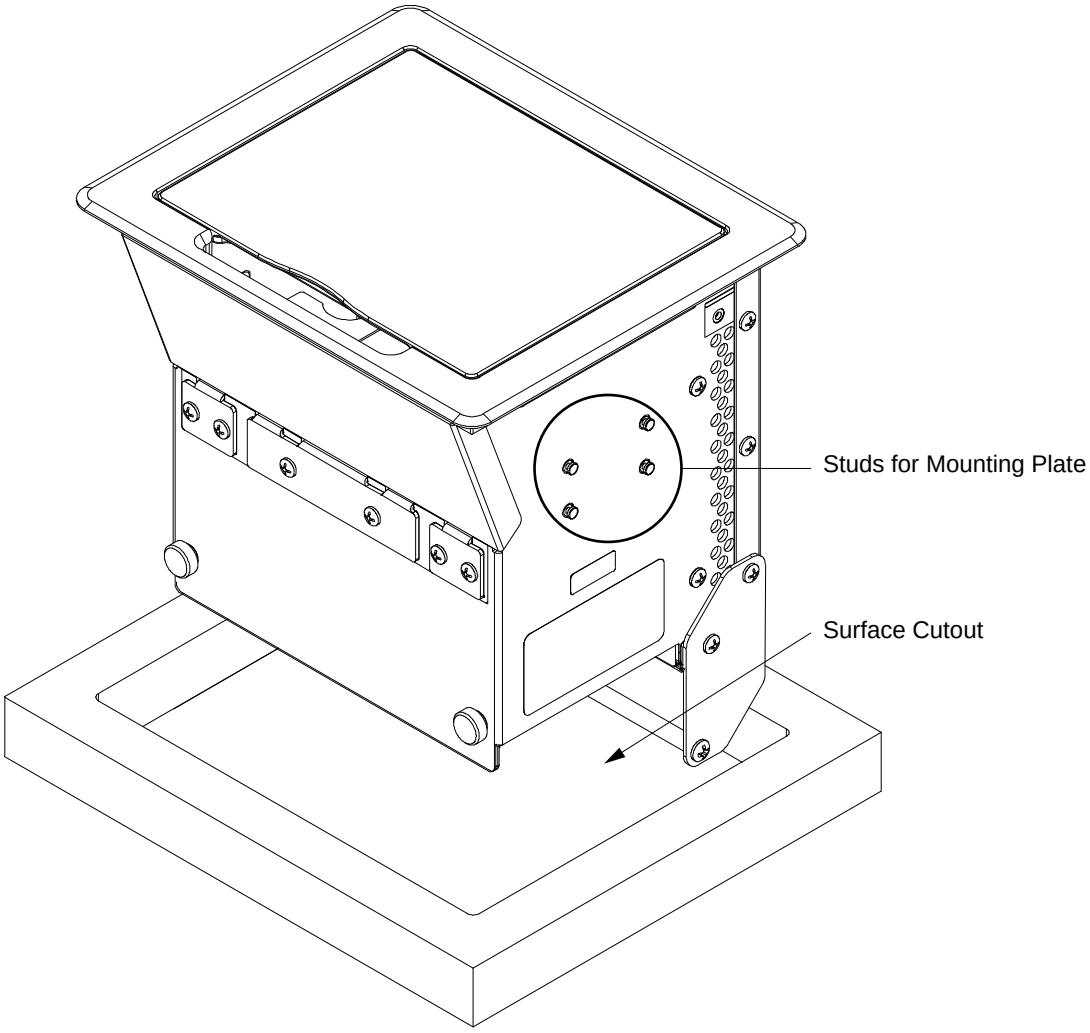
Tools required:

- Phillips screwdriver
- #10 Allen wrench

Use the following procedure to mount the FT-600.

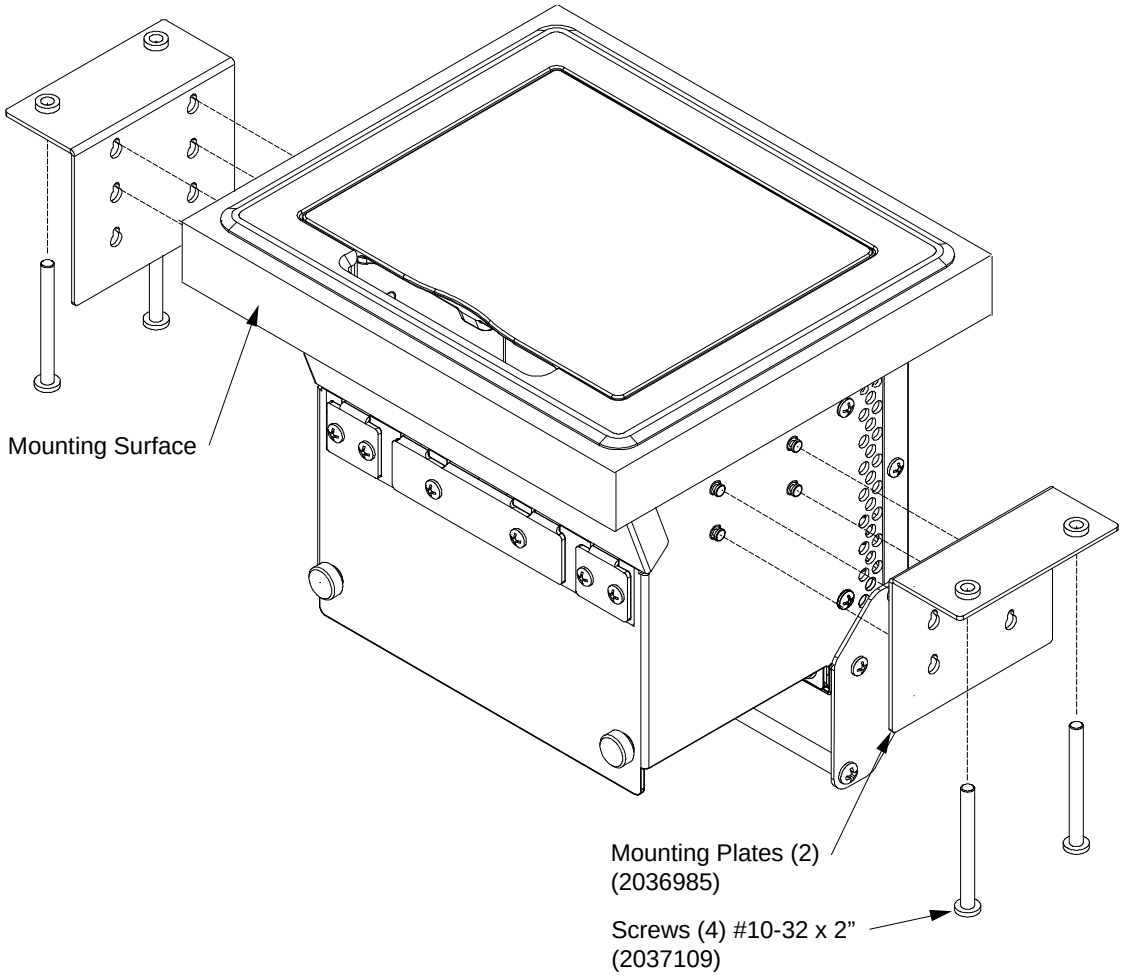
1. Position the FT-600 in the mounting hole.

Mounting Plate Stud Locations



2. Install the four #10-32 socket screws (2037109) in the metal mounting plates (2036985) (two screws per plate). Refer to the following illustration.

Mounting Plate Installation



3. Slide the mounting plates over the studs on each side of the FT-600.
4. Turn the four #10-32 socket screws equally, until they contact the underside of the mounting surface.

NOTE: Do not overtighten the #10 screws as this may damage the surface or the unit.

Resources

Further Inquiries

To locate specific information or resolve questions after reviewing this guide, contact Crestron's True Blue Support at 1-888-CRESTRON [1-888-273-7876] or, for assistance within a particular geographic region, refer to the listing of Crestron worldwide offices at www.crestron.com/offices.

To post a question about Crestron products, log onto Crestron's Online Help at www.crestron.com/onlinehelp. First-time users must establish a user account to fully benefit from all available features.

Future Updates

As Crestron improves functions, adds new features, and extends the capabilities of the FT-600, additional information may be made available as manual updates. These updates are solely electronic and serve as intermediary supplements prior to the release of a complete technical documentation revision.

Check the Crestron website periodically for manual update availability and its relevance. Updates are identified as an "Addendum" in the Download column.

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